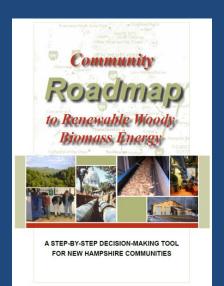
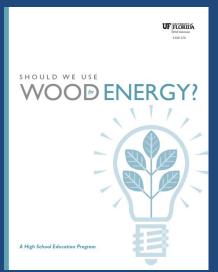
# Resources for Educating Communities and Students about Wood Energy







**Wood Boiler Systems OVERVIEW** 





There are many benefits of using biomass in place of fossil fuels like oil and gas for providing heat. The following are some of the important benefits of using woodchips or pellets for heating a school or other institutional building

able energy source. And, un-like fuel oil, propane, and natural change. Carbon dioxide (CO<sub>2</sub>) gas, biomass has a history of stable buildup in the atmosphere is a prices anaffected by global ecochange. Fossil fuel combustion the last 20 years, the real price of takes carbon that was locked wood energy is actually declining. In Vermont, woodchip prices have increased at less than the rate of atmosphere as CO., When wood general inflation over two decades.

### cleanly. These larger-scale wood

Wood chipped for fuel cleaner than wood stoves for three reasons. Unlike home woodstoves, implies the productive use of a low-grade waste odors. Modern woodchip systems combustion known for its adverse wasses or hyproducts of the forest season the heating plant of a 200,000 square 600 wood-heated Where chips come from harvesin school in a cold northern climate operations in the woods, the purpose is to remove low-grade trees of particulate matter as five home from the forest that when done sustainably, will improve overall

# significant cause of global climate

carbon cycle. Consequently, the

basis. While all of these benefits are important from a public the most compelling reason for a local school district to decide on woodchip heating. There natural gas, particularly when gas is burned, however, it recycles car prices are high, and higher savin if compared to propane. These hard dollar savings often make net effect of burning wood fuel is nechnology a win-win for school boards looking to reduce expend

is generally less than half

the cost of fuel oil on a Btu

**BERC** 

Biomass Energy Resource Center

## biomass keeps energy dollars circulating in the

cally comes from either sawmill or residues are generally considered that must be disposed of or sold.

© Copyright 2007 Bioman Energy Resource Center. All rights reserve

